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RECORDABLE/REPRODUCIBLE OPTICAL DISC
(DVD-RAM/DVD-RW OR DVD-R) 10

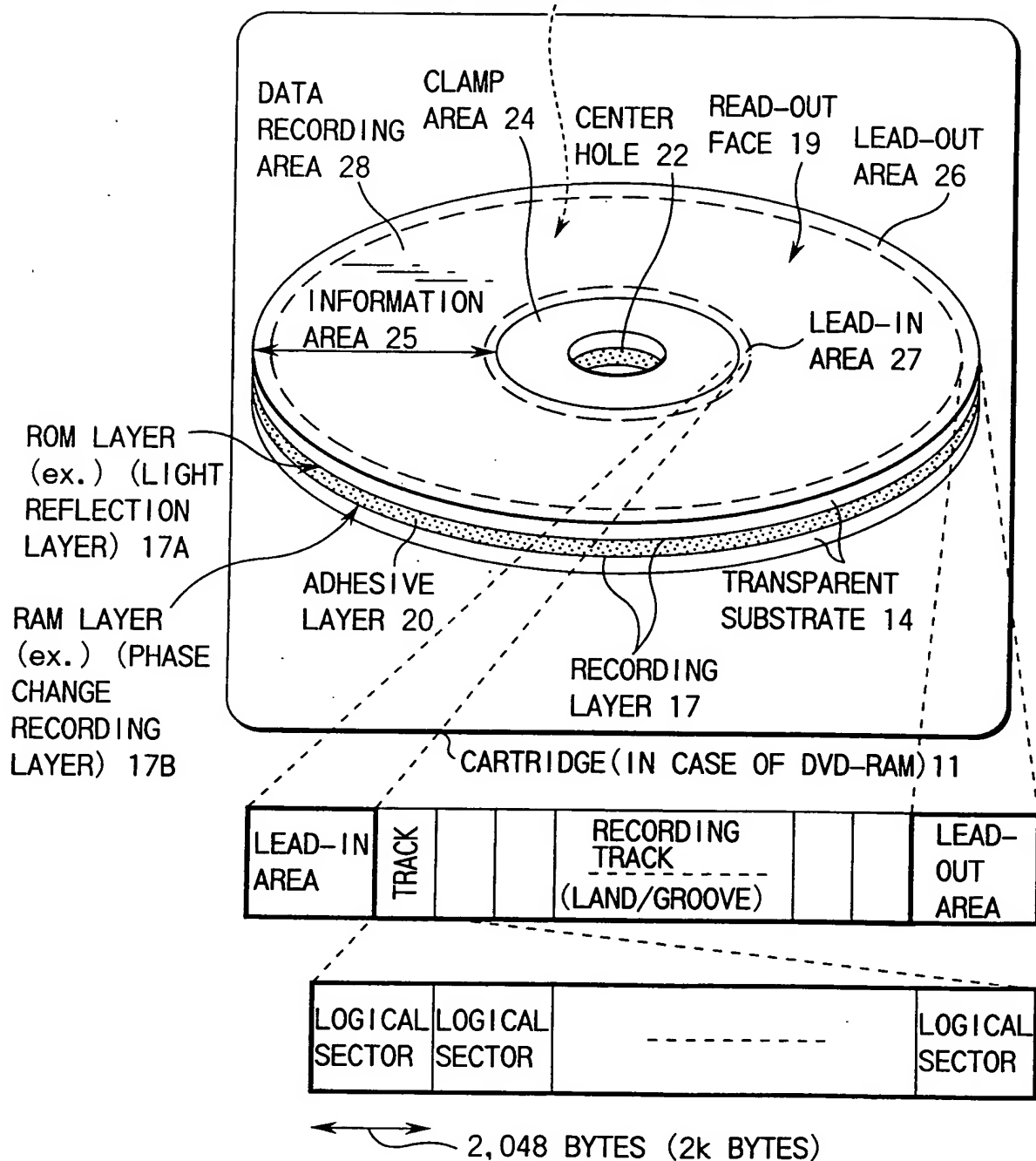


FIG. 1

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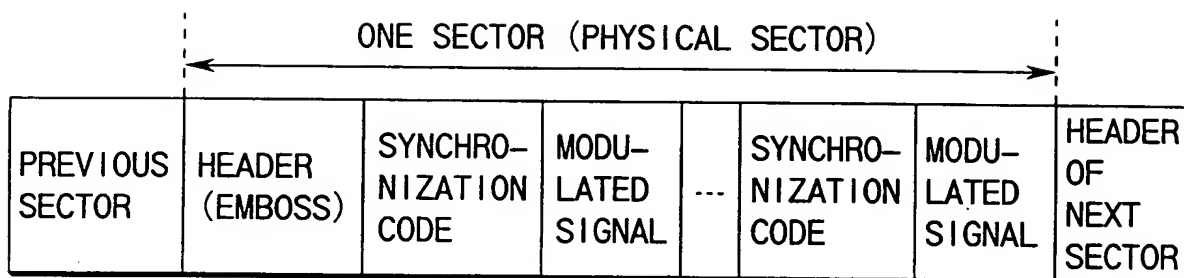


FIG. 2

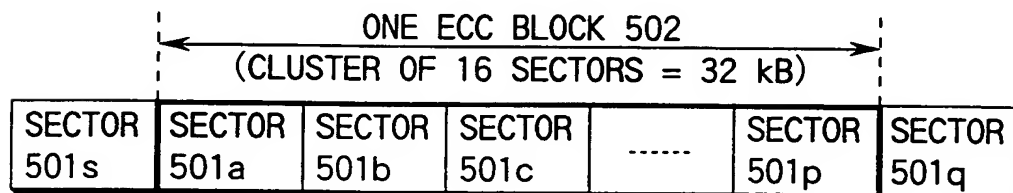


FIG. 3

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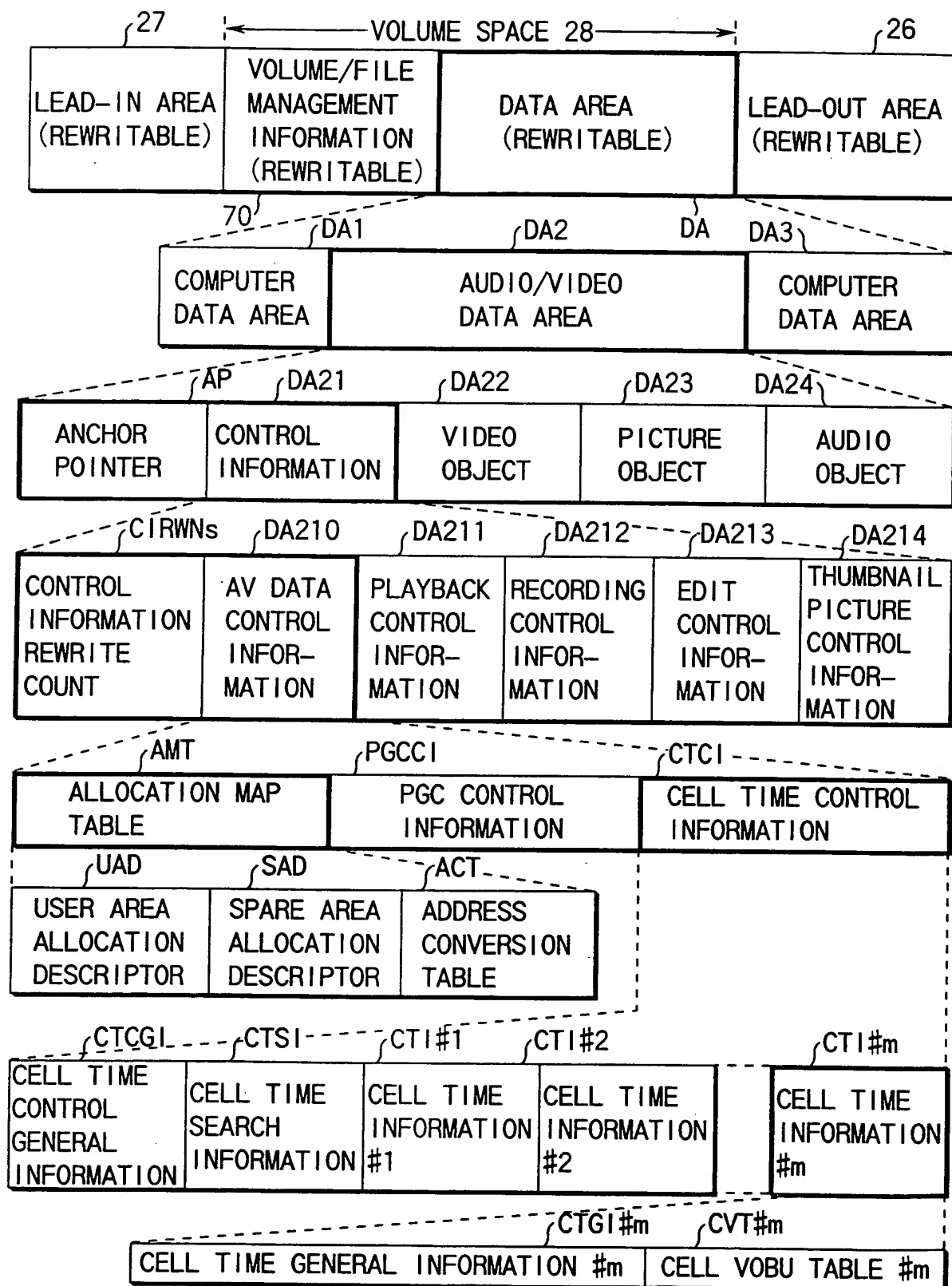


FIG. 4

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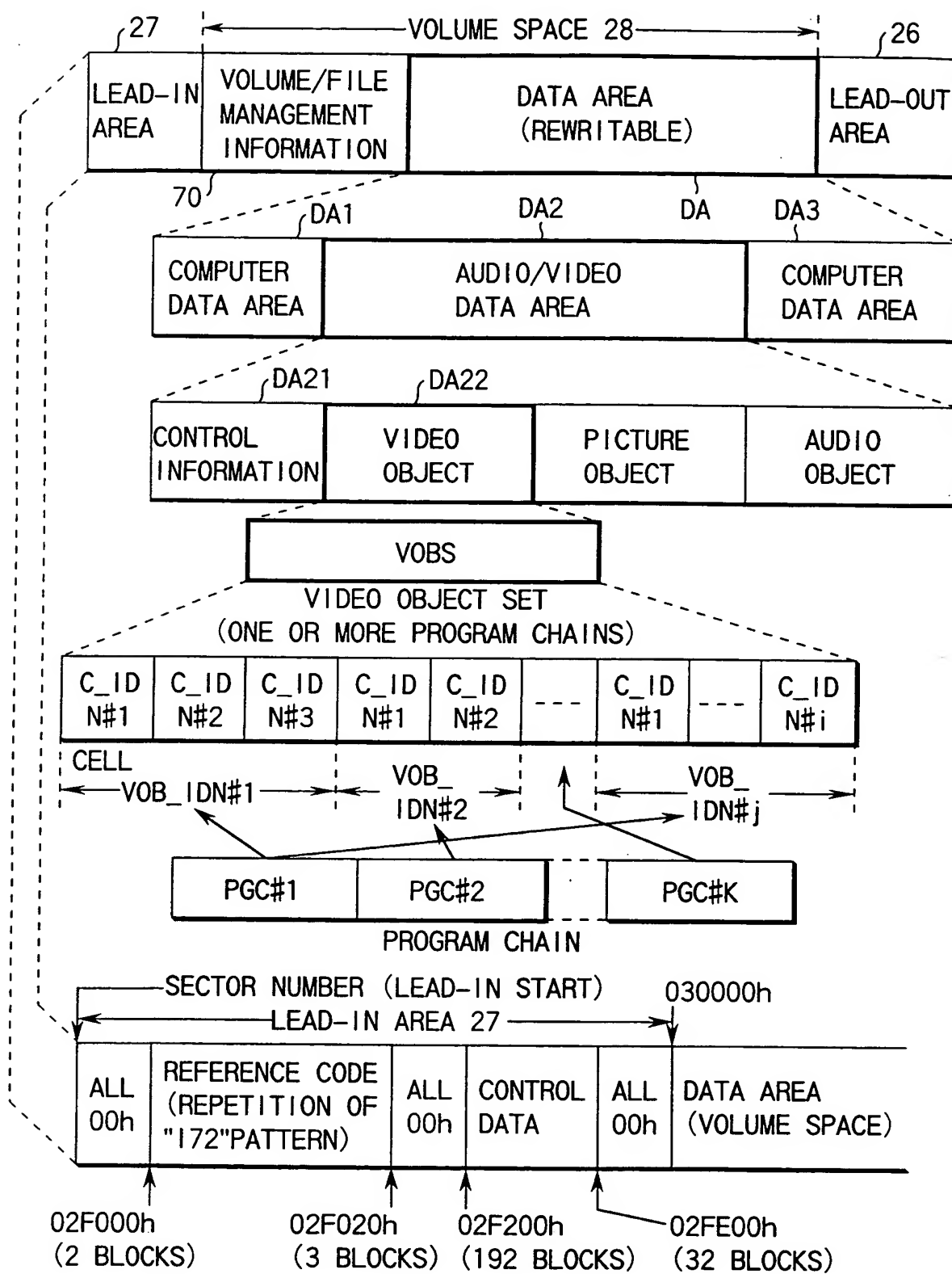


FIG. 5

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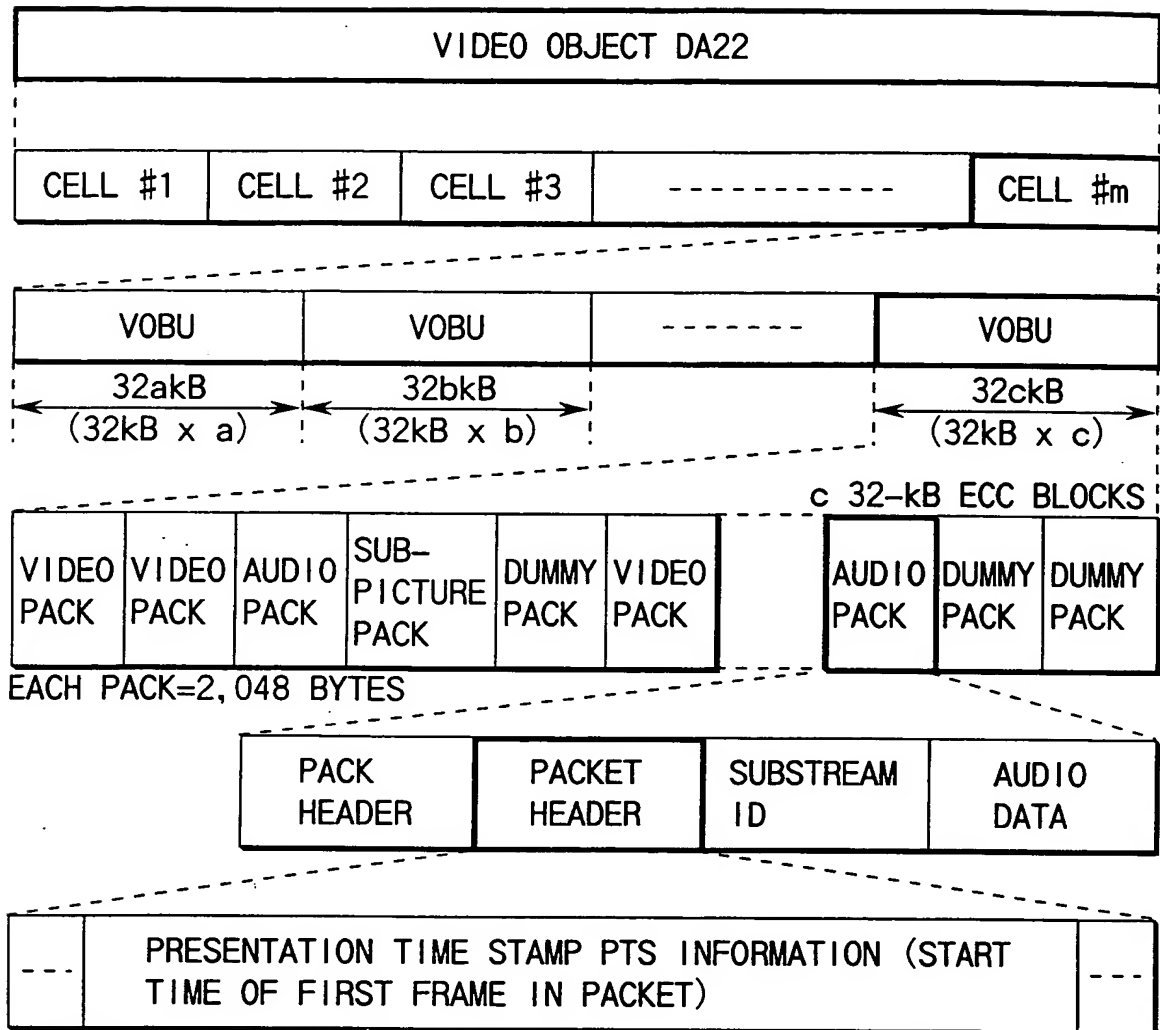


FIG. 6

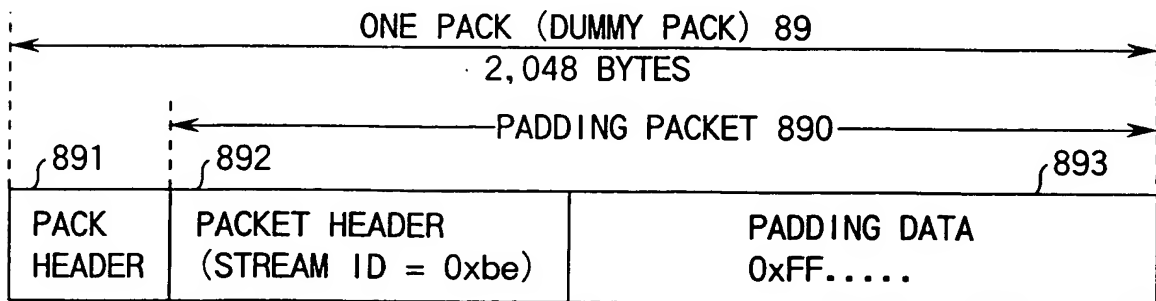


FIG. 7

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NUMBER OF PICTURES IN VOB#1	NUMBER OF PICTURES IN VOB#2	---	NUMBER OF PICTURES IN VOB#n	NUMBER OF PICTURES IN VOB#1	---	NUMBER OF PICTURES IN VOB#n
-----------------------------------	-----------------------------------	-----	-----------------------------------	-----------------------------------	-----	-----------------------------------

CELL ID	TOTAL TIME DURA- TION	NUMBER OF CELL DATA SETS	CELL DATA SET DESC- RIPTOR	CELL TIME PHYSICAL SIZE	NUMBER OF CONSTI- TUTENT VOBUS	TIME CODE TABLE	NUMBER OF ACQUI- RED DEFECTS	ACQUI- RED DEFECT ADDRESS
------------	--------------------------------	--------------------------------------	--	----------------------------------	--	-----------------------	--	------------------------------------

<REMARKS> SET IS ALSO
REFERRED TO AS EXTENT

CELL DATA GENERAL INFOR- MATION	TIME CODE TABLE	ACQUIRED DEFECT INFOR- MATION	CELL VIDEO INFOR- MATION	CELL AUDIO INFOR- MATION	CELL SUB- PICTURE INFOR- MATION
--	-----------------------	--	-----------------------------------	-----------------------------------	---

CELL TIME INFORMATION CTI#m

CELL TIME GENERAL INFORMATION #m	CELL VOBU TABLE #m
----------------------------------	--------------------

VOBU INFORMATION #1	VOBU INFORMATION #2	---	VOBU INFORMATION #n
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VOBU GENERAL INFORMATION	DUMMY PACK INFORMATION	AUDIO SYNCHRONIZATION INFORMATION
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FIG. 8

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CORRESPONDING INFORMATION	INFORMATION NAME	INFORMATION CONTENTS	NUMBER OF BYTES USED
VOBU GENERAL INFORMATION	I-PICTURE END POSITION	DIFFERENTIAL ADDRESS VALUE OF I-PICTURE END POSITION FROM VOB START POSITION	1
DUMMY PACK INFORMATION	NUMBER OF DUMMY PACKS	NUMBER OF DUMMY PACKS IN VOB	1
	DUMMY PACKS DISTRIBUTION	DUMMY PACK INSERTION DIFFERENTIAL ADDRESS FROM START OF VOB, AND EACH NUMBER OF DUMMY PACKS (2 BYTES EACH)	2 x DUMMY PACK NUMBER
AUDIO SYNCHRONIZATION INFORMATION	AUDIO STREAM CHANNEL NUMBER	NUMBER OF CHANNELS OF AUDIO STREAM	1
	I-PICTURE AUDIO POSITION #1	DIFFERENTIAL ADDRESS VALUE OF SECTOR INCLUDING AUDIO PACK OF THE SAME TIME AS I-PICTURE START TIME FROM START OF VOB (MSB = "0" : LOCATED BEFORE VOB, MSB = "1" : LOCATED AFTER VOB)	1
	I-PICTURE START AUDIO SAMPLE NUMBER #1	INDICATE SAMPLE NUMBER OF AUDIO SAMPLE POSITION OF THE SAME TIME AS I-PICTURE START TIME IN SECTOR AS COEFFICIENT OF SERIAL NUMBERS OF ALL AUDIO PACKS	2
	AUDIO SYNCHRONIZATION INFORMATION FLAG #1	PRESENCE/ABSENCE OF SYNCHRONIZATION INFORMATION BETWEEN AUDIO AND VIDEO STREAMS (NEXT ITEM IS NOT AVAILABLE IF ABSENT)	1
	AUDIO SYNCHRONIZATION DATA	THE NUMBER OF AUDIO SAMPLES INCLUDED IN VOB	2
	I-PICTURE AUDIO POSITION #2	SAME CONTENTS AS #1	1
	I-PICTURE START AUDIO SAMPLE NUMBER #2		2
	AUDIO SYNCHRONIZATION FLAG #2		1
	AUDIO SYNCHRONIZATION DATA		2

FIG. 9

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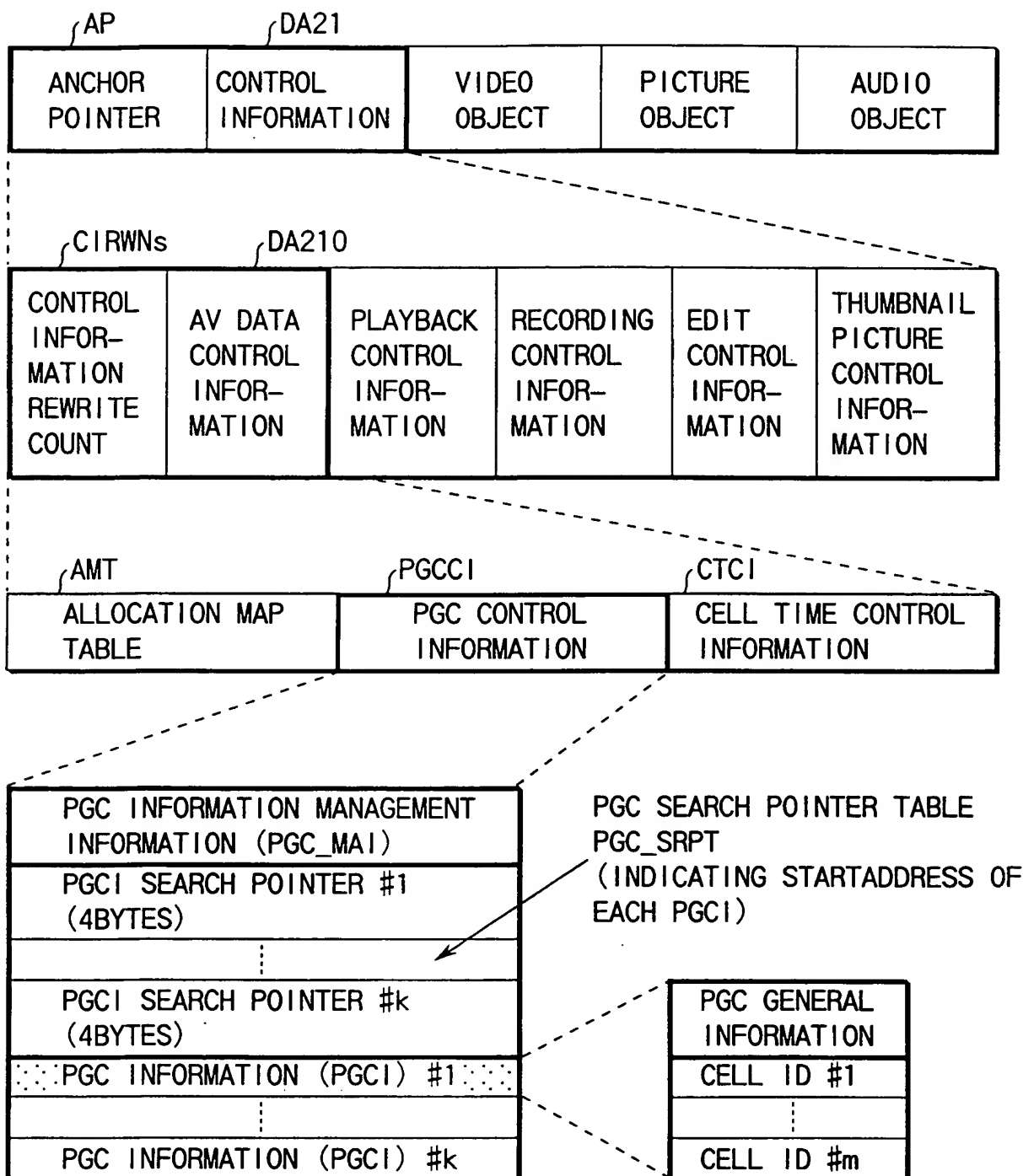


FIG. 10

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POSITIONS OF SHIFT PRODUCED
BETWEEN ECC BLOCK BOUNDARY
AND VOBU BOUNDARY

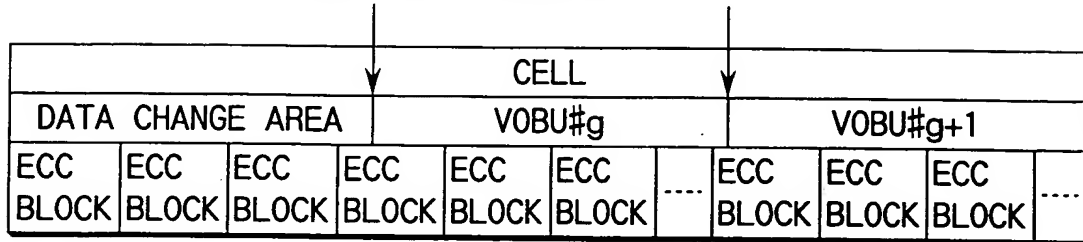


FIG. 11

SHIFT-REMOVED POSITIONS BETWEEN
BOUNDARIES OF ECC AND VOB

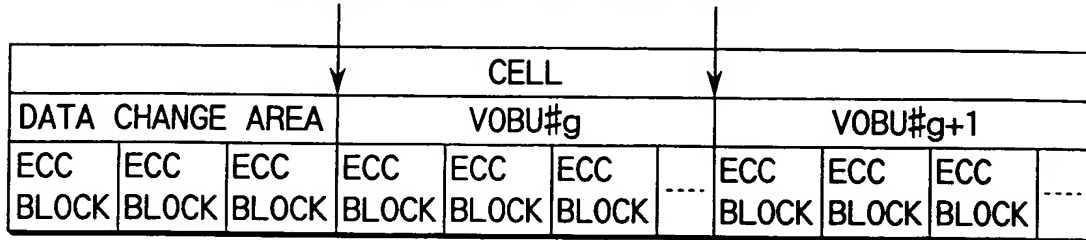


FIG. 12

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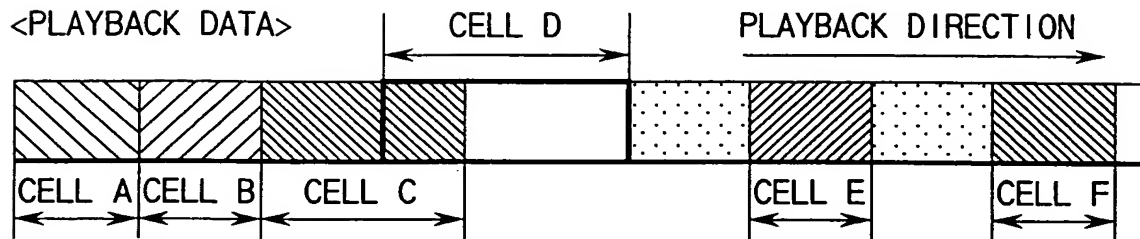


FIG. 13

PGC INFORMATION

PGC#1		PGC#2		PGC#3	
NUMBER OF CELLS = 3		NUMBER OF CELLS = 3		NUMBER OF CELLS = 5	
CELL#1	CELL A	CELL#1	CELL D	CELL#1	CELL E
CELL#2	CELL B	CELL#2	CELL E	CELL#2	CELL A
CELL#3	CELL C	CELL#3	CELL F	CELL#3	CELL D
_____	_____	_____	_____	CELL#4	CELL B
_____	_____	_____	_____	CELL#5	CELL E

FIG. 14

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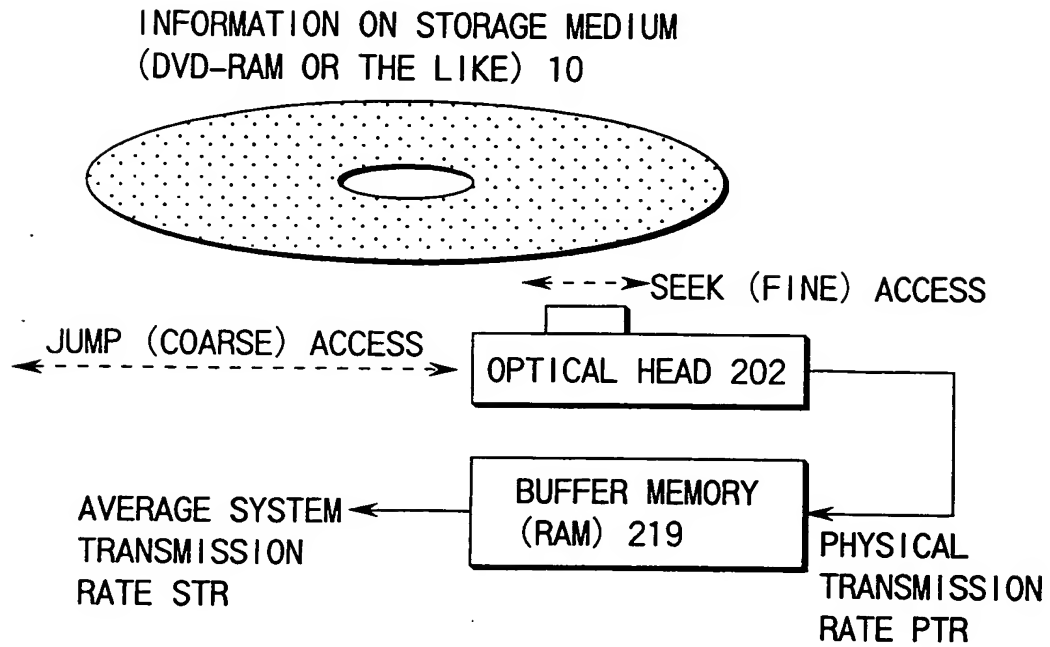


FIG. 15

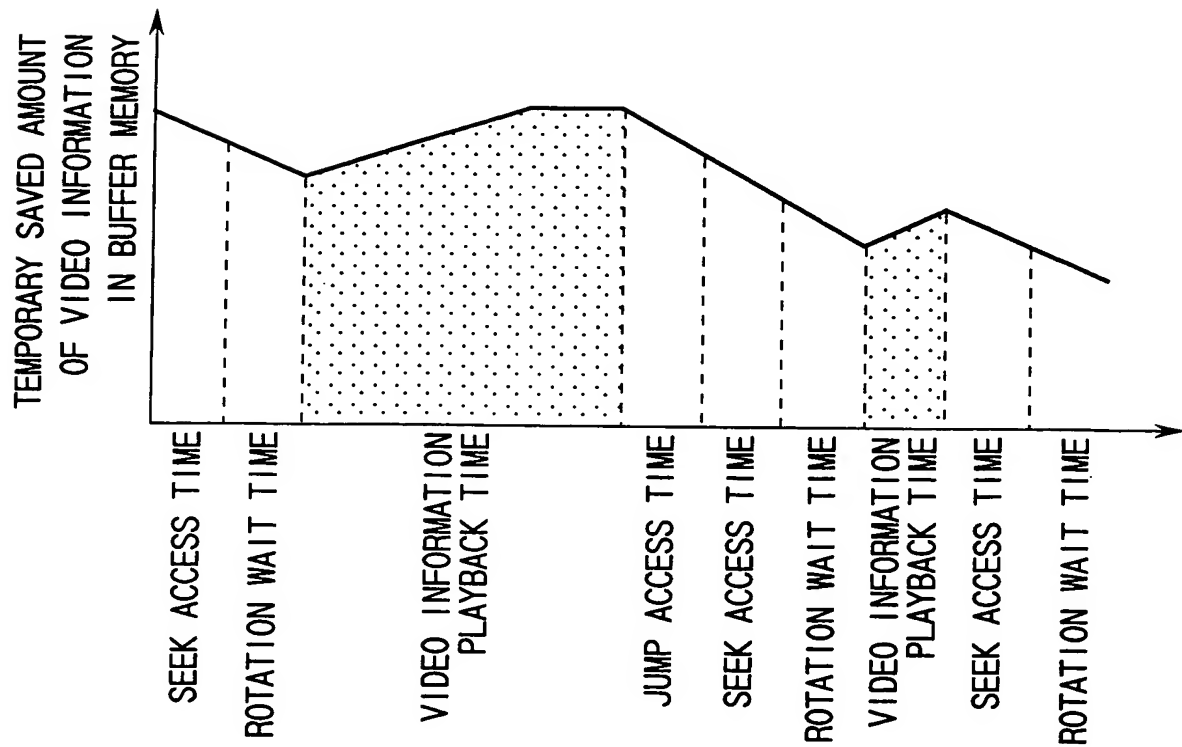


FIG. 16

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FIG. 17

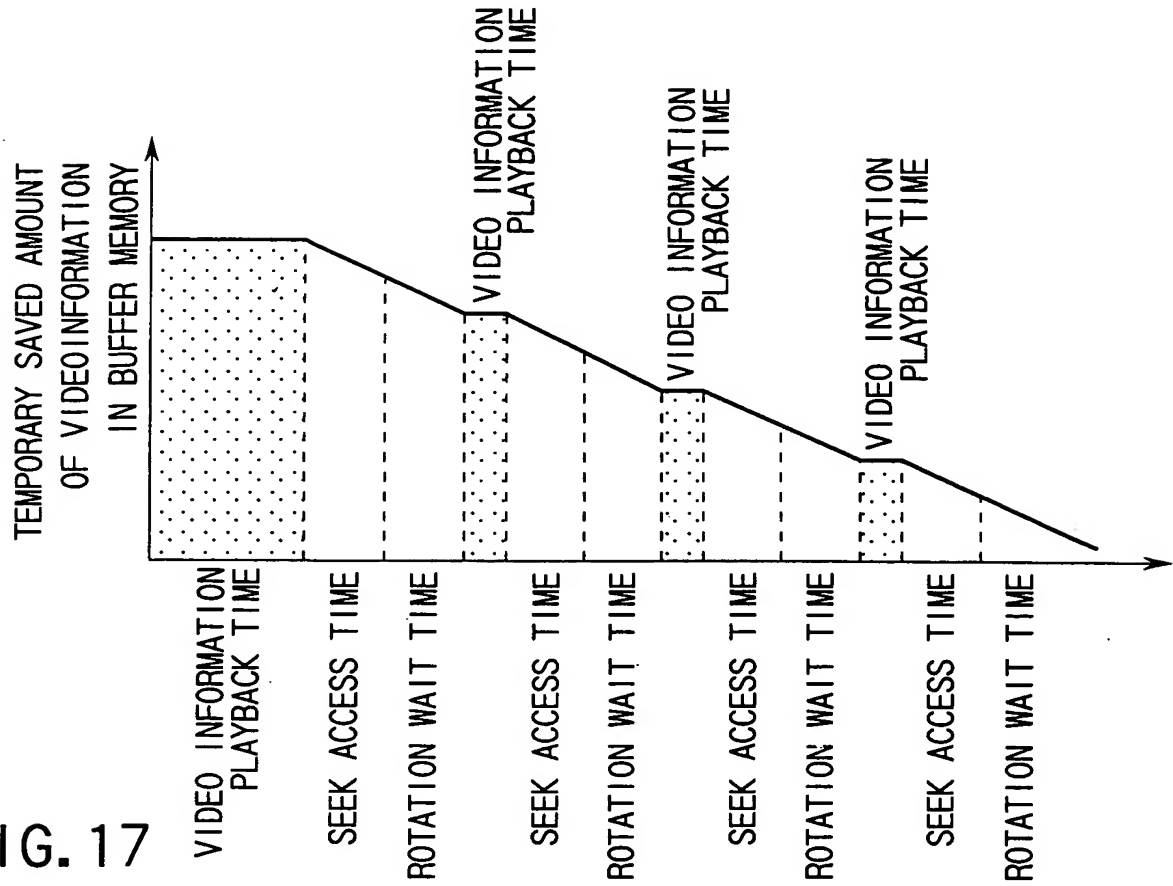
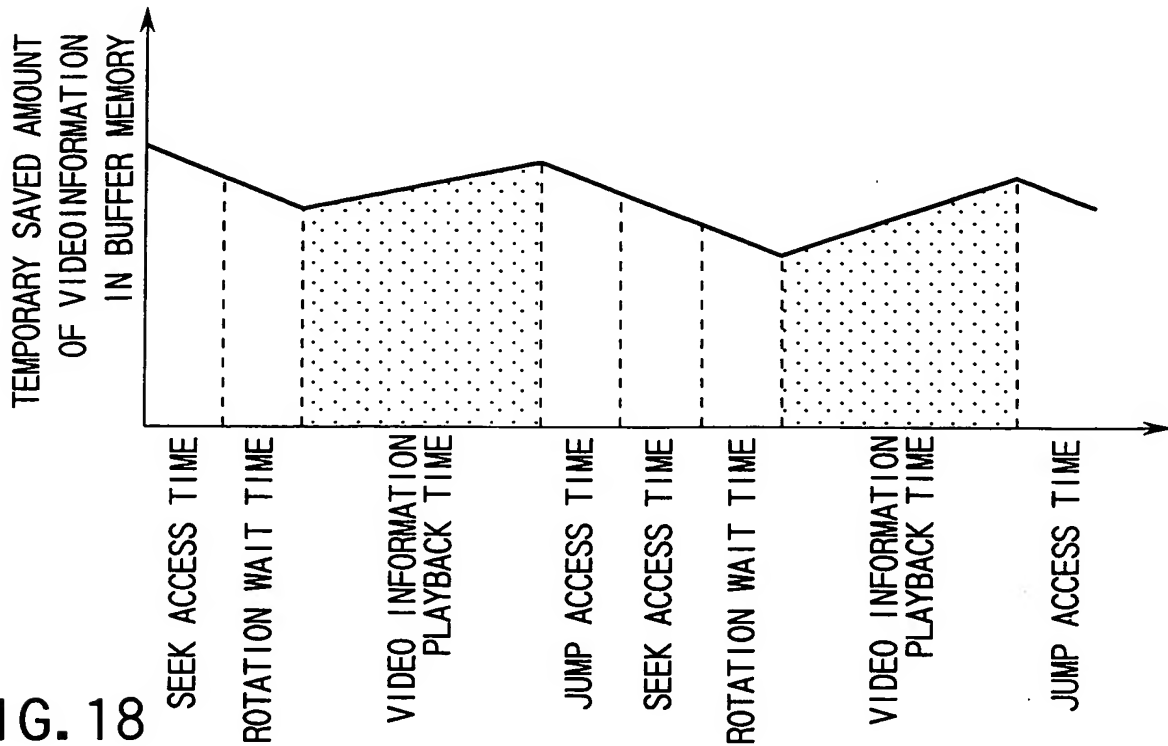


FIG. 18



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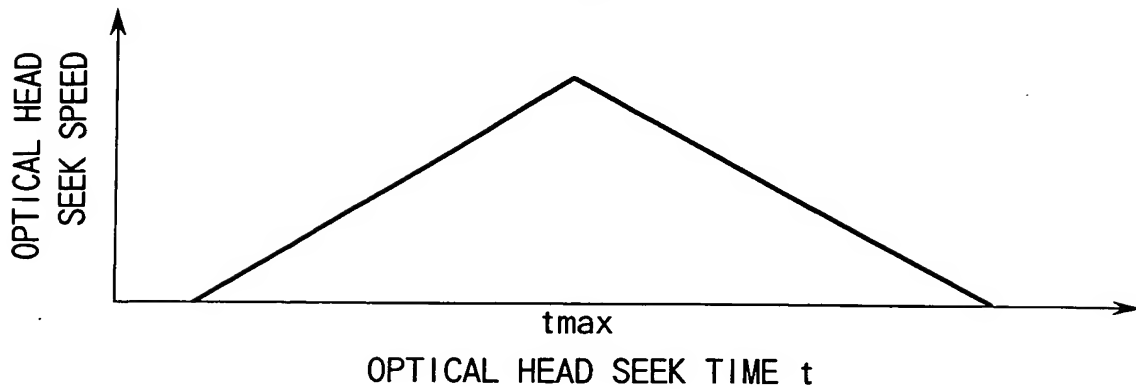


FIG. 19

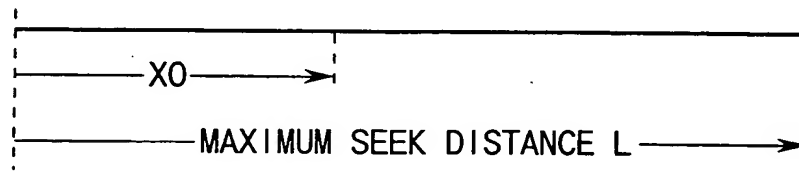


FIG. 20

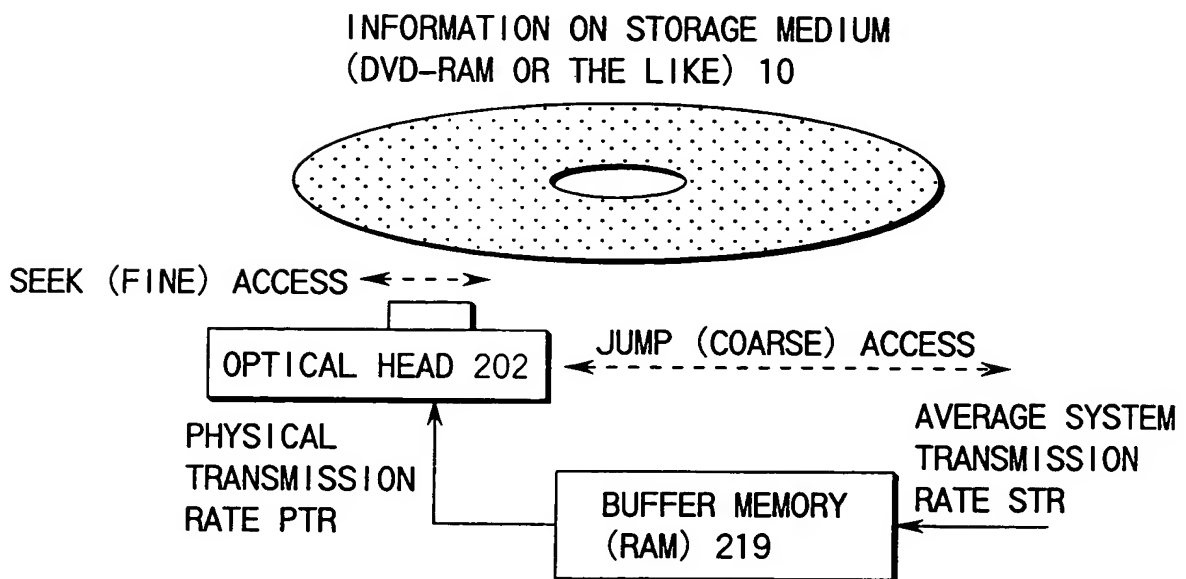


FIG. 21

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FREE AREA 107	CELL #1			CELL #2				CELL #3		
	VOBU 108a	VOBU 108b	VOBU 108c	VOBU 108d	VOBU 108e	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FIG. 22

FREE AREA 107	CELL #1			CELL #2A	CELL #2B			CELL #3		
	VOBU 108a	VOBU 108b	VOBU 108c	VOBU 108d	VOBU 108e	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FIG. 23

CELL #2A	CELL #1					CELL #2B			CELL #3		
VOBU 108d*	VOBU 108p	VOBU 108a	VOBU 108b	VOBU 108c*		VOBU 108q	VOBU 108f	VOBU 108g	VOBU 108h	VOBU 108i	VOBU 108j

FREE AREA 106

FIG. 24

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FIG. 25

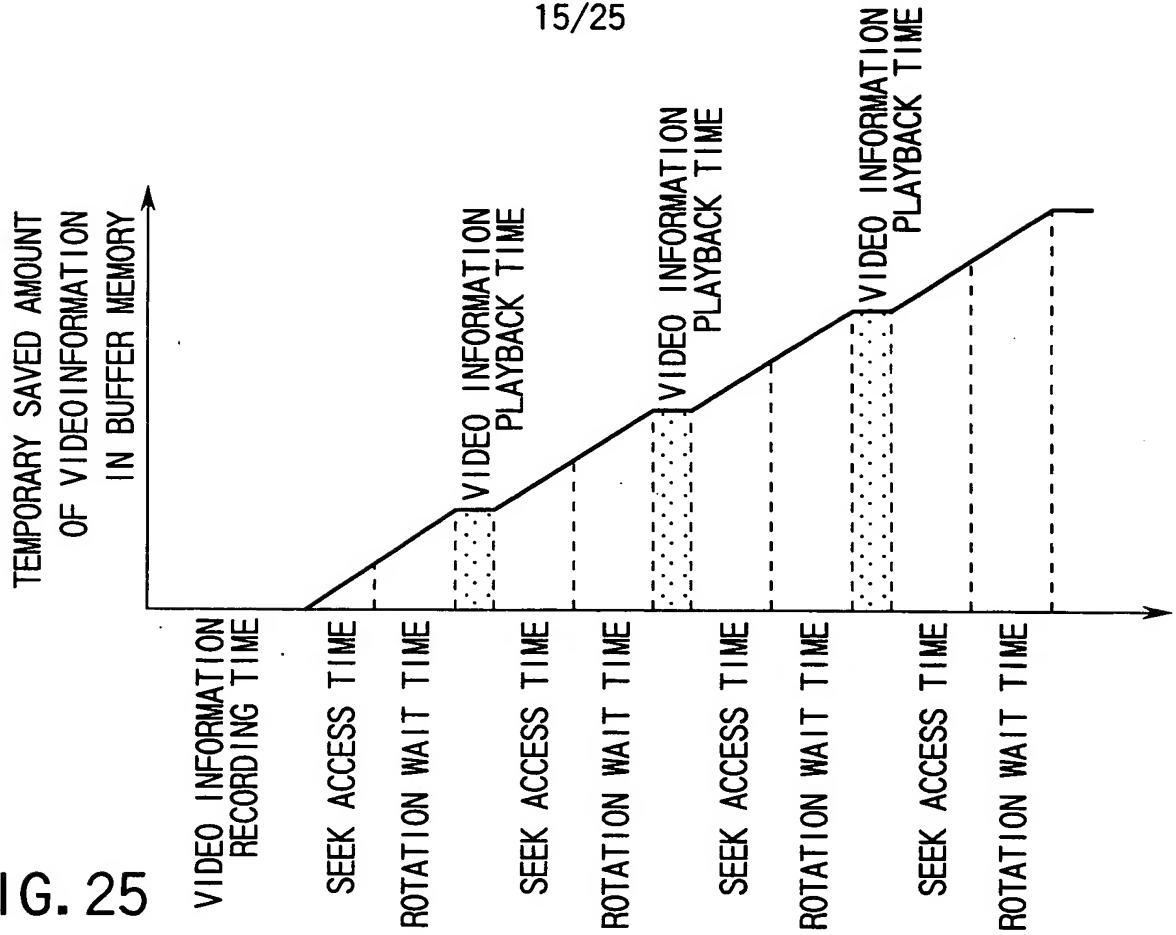
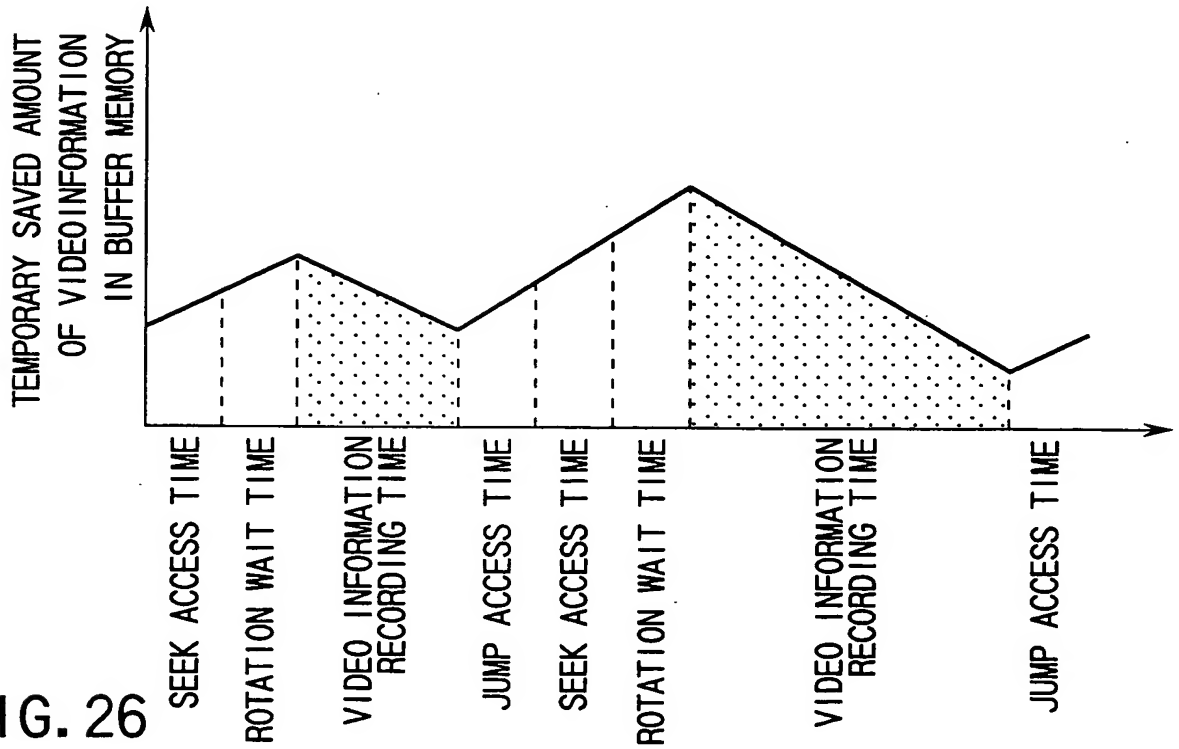


FIG. 26



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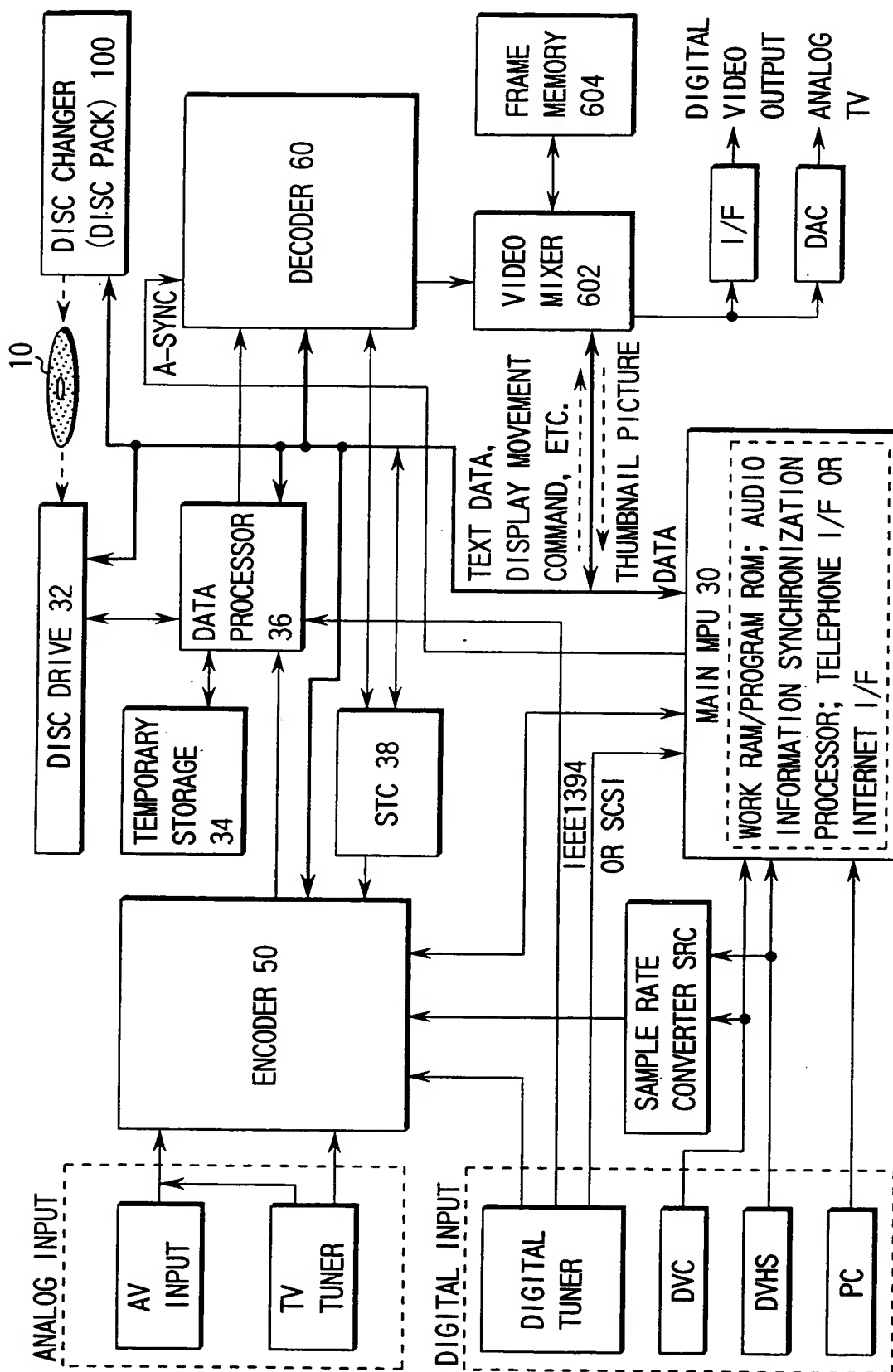


FIG. 27

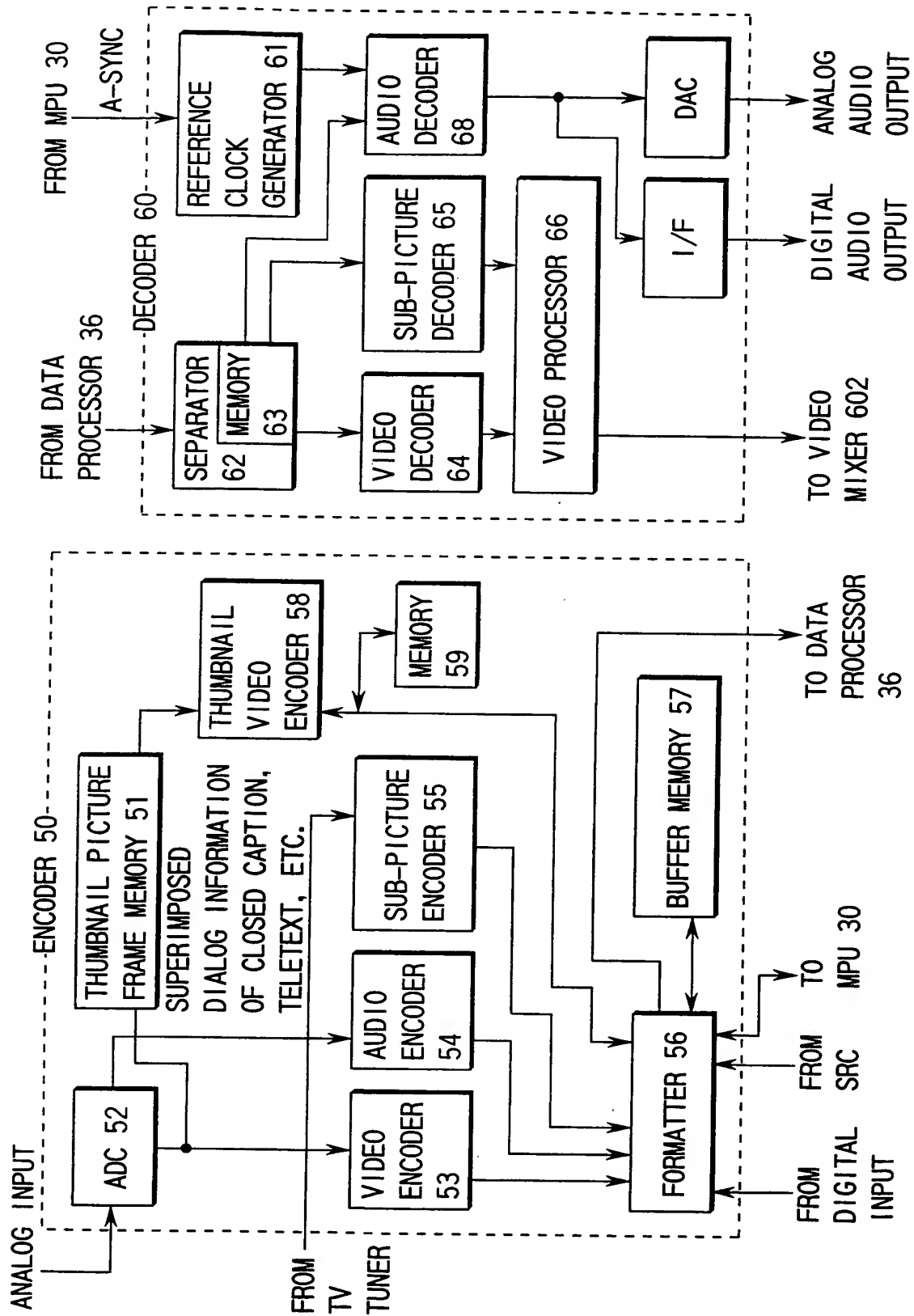


FIG. 28

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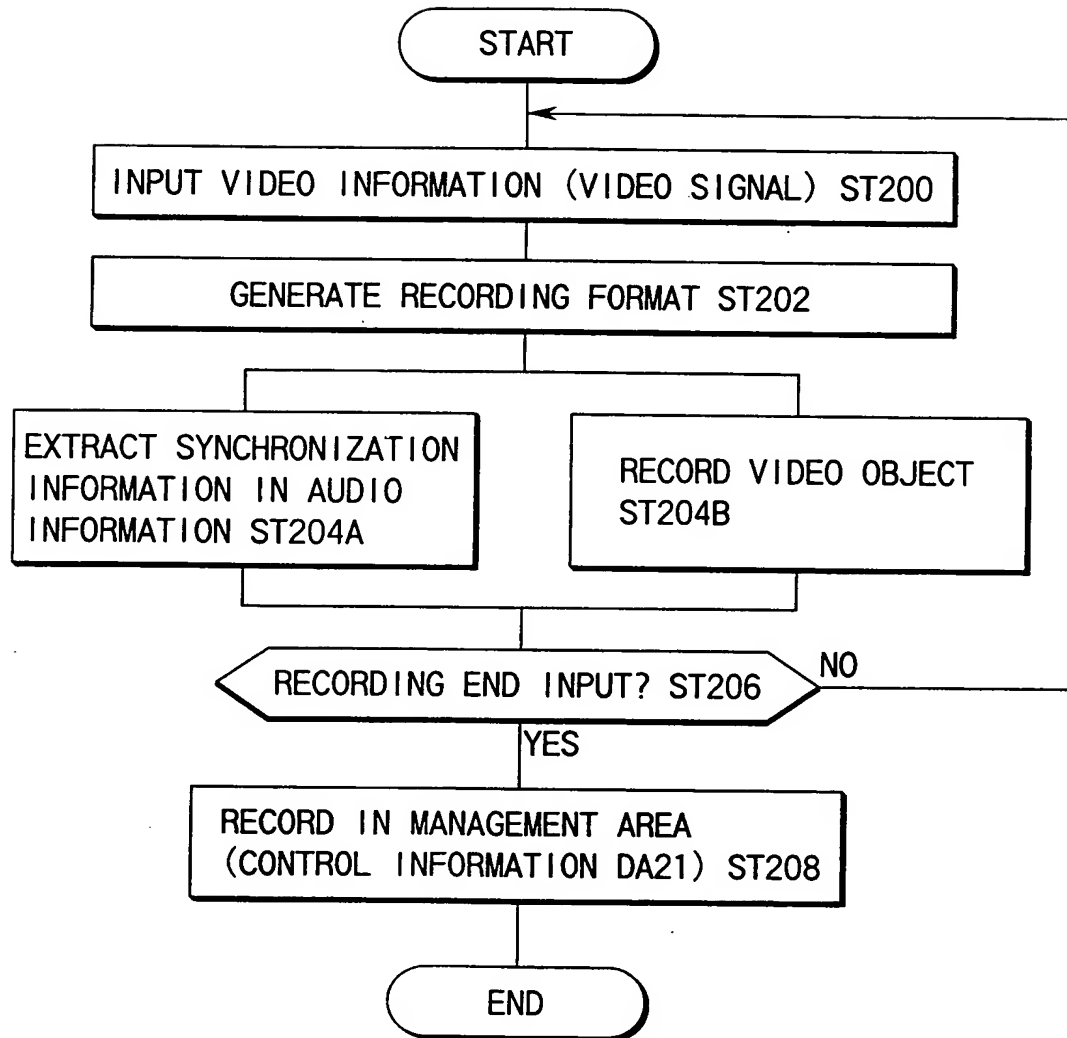


FIG. 29

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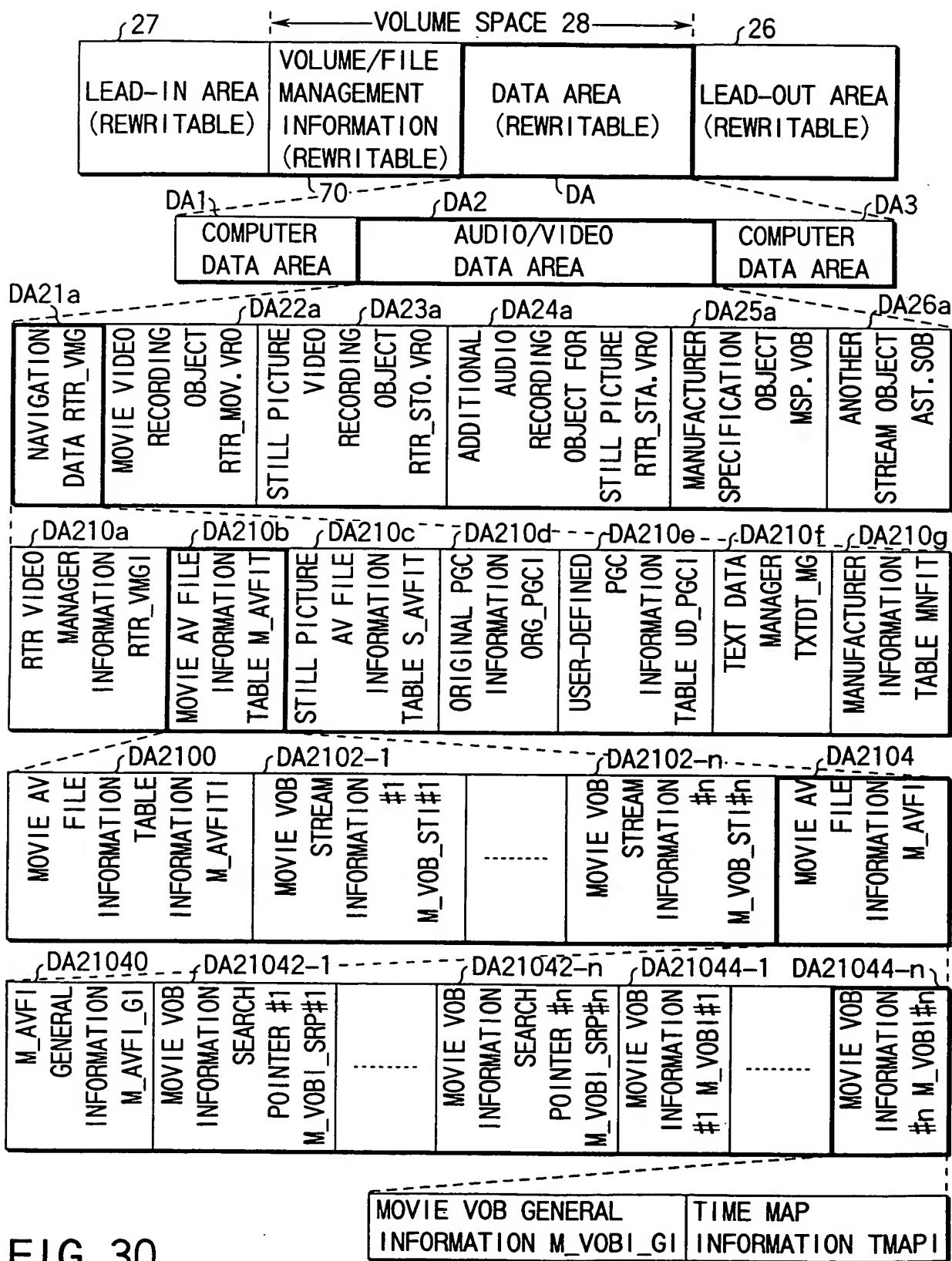


FIG. 30

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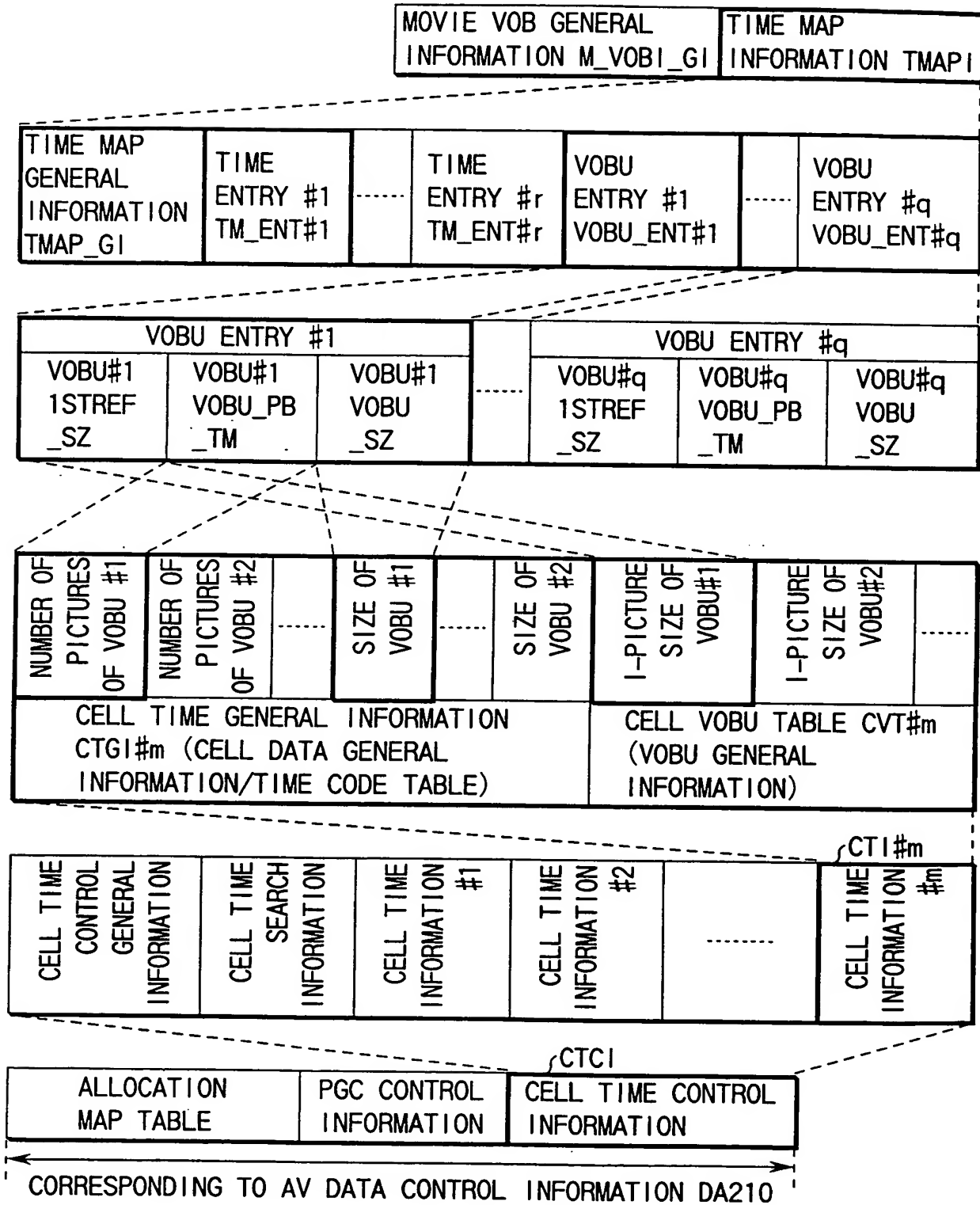


FIG. 31

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TIME MAP GENERAL INFORMATION TMAP_GI

RELATIVE BYTE POSITION	FIELD NAME	CONTENTS	NUMBER OF BYTES
0-1	TM_FNT_Ns	NUMBER OF TIME ENTRIES	2
2-3	VOBU_ENT_Ns	NUMBER OF VOB ENTRIES	2
4-5	TM_OFS	TIME OFFSET	2
6-9	ADR_OFS	ADDRESS OFFSET	4

FIG. 32

TIME ENTRY TM_ENT

RELATIVE BYTE POSITION	FIELD NAME	CONTENTS	NUMBER OF BYTES
0-1	VOBU_ENTN	VOBU ENTRY NUMBER	2
2	TM_DIFF	TIME DIFFERENCE	1
3-6	VOBU_ADR	TARGET VOB ADDRESS	4

FIG. 33

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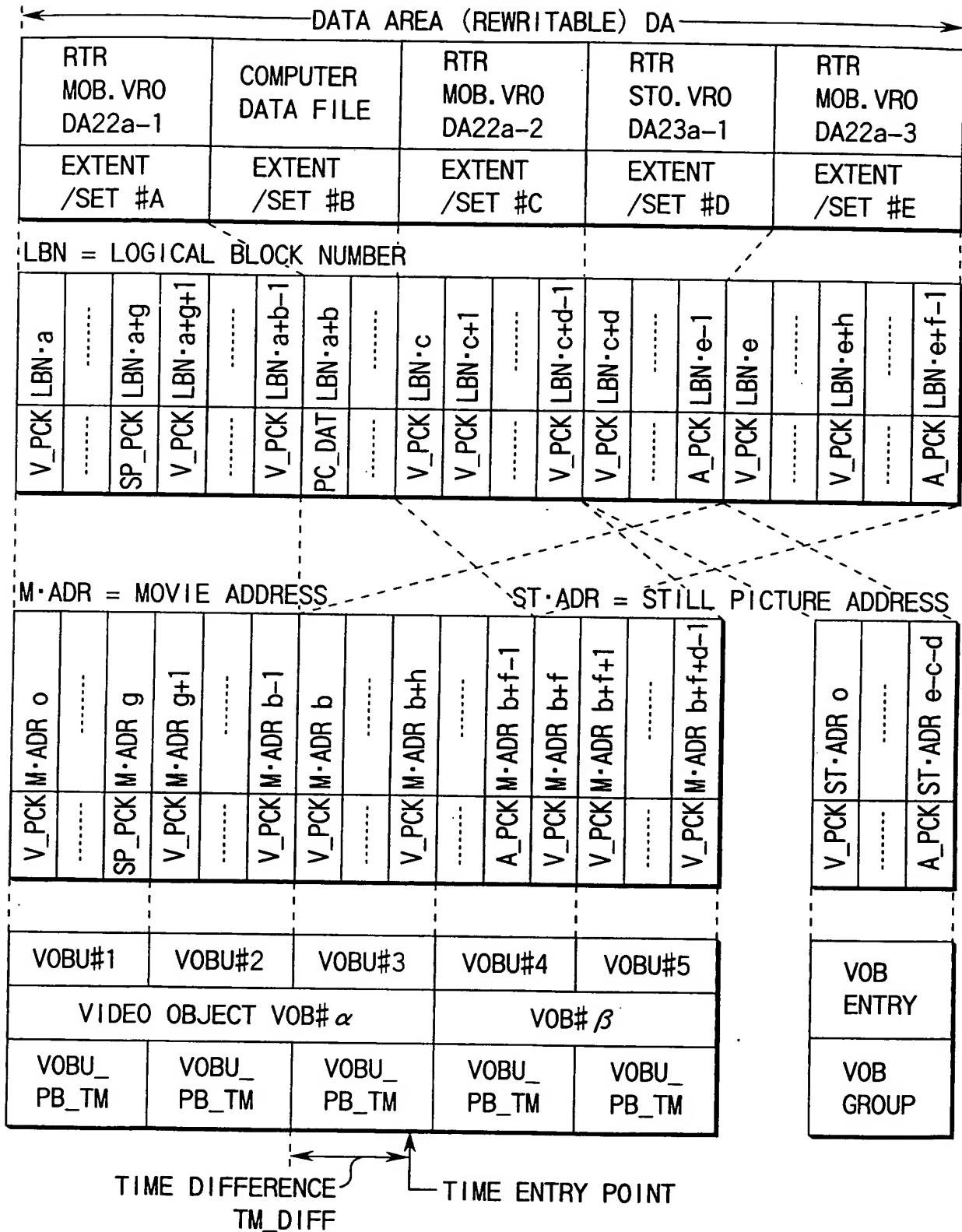


FIG. 34

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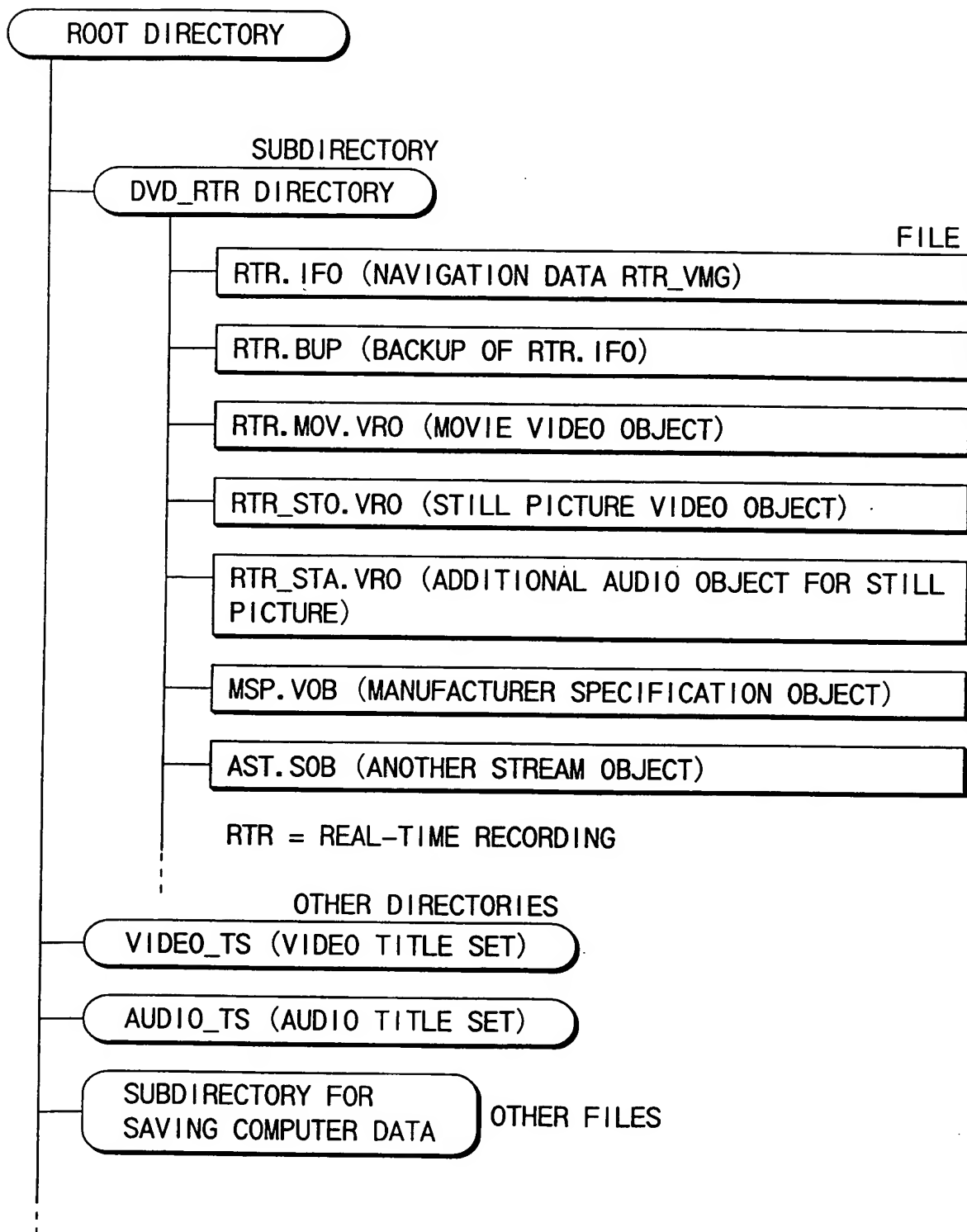


FIG. 35

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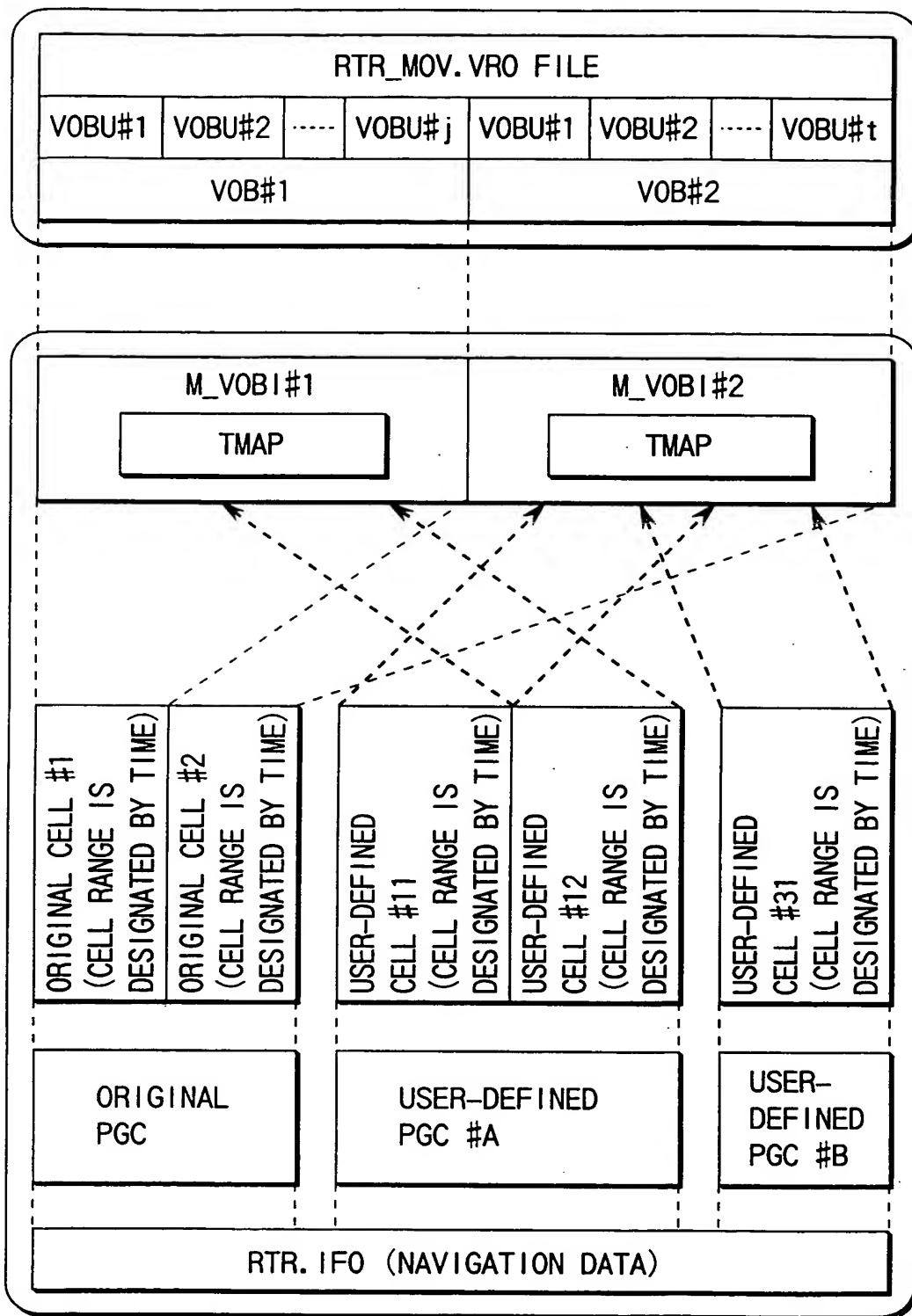


FIG. 36

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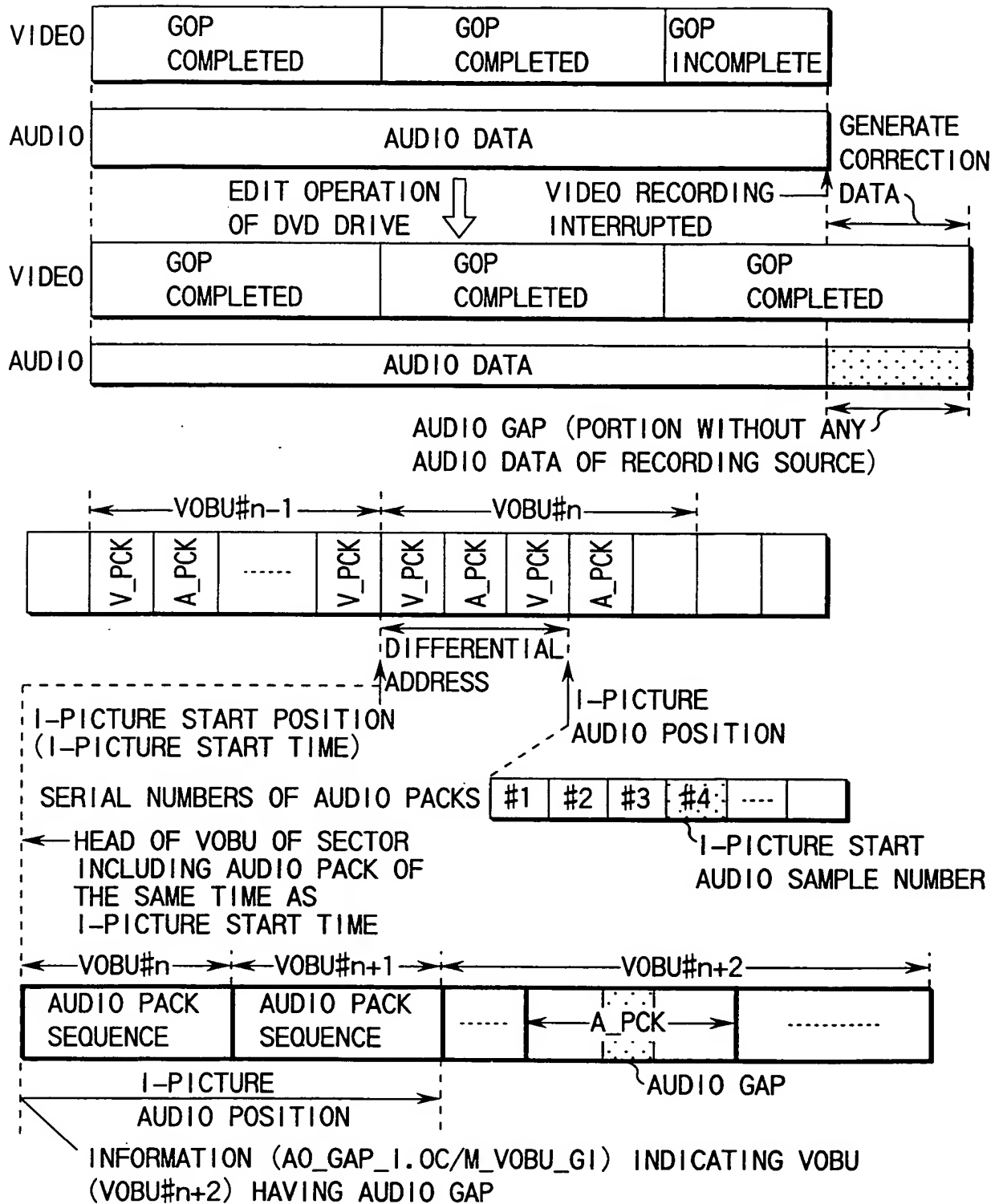


FIG. 37